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JPRS 24163

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EEur - Czechoslovakia
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Mechanical Properties of Glued Joints of Light Materials,
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DESCRIPTORS: Atmosphere, *Air mass analysis, *Climate, Meteorological data, Weather forecasting, *Solar disturbances.

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- II. Krivsky, L.
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- IV. Contract AF-19(604)1936

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Long-Period Fluctuations of the Circulation in the
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Trans. of Magyar Kemikusok Lapja (Hungary) 1962
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DESCRIPTORS: *Chemical engineering, *Ultrasonics,
Cavitation, Polymerization, Plastics, Polyester plastics,
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Coagulation, Chemical reactions, Economics.

(Engineering--Chemical, TT, v. 10, no. 3)

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omitted) 54 refs.
Order from SLA \$1.60

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Trans. of Zeitschrift für Elektrochemie (West
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DESCRIPTORS: *Water, *Organic solvents, *Infrared
spectroscopy.

The infrared spectra of water in 10 solvents are re-
corded in the fundamental and harmonic frequency
ranges, and different frequency and intensity changes
are noted in the spectrum of water as well as in those
of certain solvents. On the basis of these measure-
ments, it is possible to rank the solvents in order of
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AEC/UOCL-Tr-10318

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[1961] 20p. 4 refs.
Order from SLA \$1.60

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Trans. of Annalen der Physik (East Germany) 1959,
ser. 7, v. 5, no. 1/2, p. 57-69.

DESCRIPTORS: Nickel alloys, Iron alloys, Alloys,
*Ferromagnetic materials, Magnetic materials,
Stress, Electrostatics, Energy, Thickness,
Magnetic properties.

Based on experimental results, an investigation of
the reversal of magnetization vectors is made for a
plane-shaped pattern of charged 180° Bloch walls on
the assumption of uniaxial anisotropy. The charge
distribution in the Bloch wall is indicated for three
characteristic paths of the reversal, and the
(Physics - Magnetism, TT, v. 8, no. 2) (over)

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C201735

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Order from SLA \$2.60

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DESCRIPTORS: *Magnetic recording systems, Mathe-
matical analysis, Conformal mapping.

The locus curves for the extreme values of the longi-
tudinal and perpendicular components of six gap func-
tions are evaluated by the methods of conformal
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(Engineering--Electronic, TT, v. 9, no. 11)

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FIELD STRENGTH AND GAP DISTRIBUTION FUNCTION AT THE RECORDING HEAD WITH AND WITHOUT TAPE. [1962] 16p. (figs. omitted) 5 refs.
Order from SLA \$1.60 62-18693

Trans. of Nachrichtentechnik (German Democratic Republic) 1956, v. 6, no. 2, p. 63-70.

DESCRIPTORS: *Magnetic recording systems, Magnetic fields, Distributions, Statistical functions, Transformations (Mathematics), Models (Simulations), Magnetic tape.

(Engineering, TT, v. 9, no. 12)

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Sci - Electron

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DE MONTAJE Y CONSTRUCCION (Pravil'no
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DESCRIPTORS: Costs, Electrical industry, *Electrical
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(Engineering--Electrical, TT, v. 10, no. 8)

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SLA 60-17242

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Du 1,3,4, - 2a Oxadiazol, (Research on Organic
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